

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

Applicants: McLoughlin et al.

Date: 5 October 2001

Serial No.: 09/878,715

Examiner:

Filed: June 11, 2001

Group Art: 3672

For: A Wellbore Directional Steering Tool

RESPONSE TO NOTICE TO FILE MISSING PARTS

To the Honorable Commissioner of Patents and Trademarks
Attn.: The Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

This is Applicants' response, to the subject application, in reply to the Notice to File Missing Parts mailed on 8 August 2001. A shortened statutory response period of two months was set by the Office making the response due on or before 8 October 2001.

The Notice required that the correct filing fees be submitted plus the surcharge fee as set forth in 37 CFR 1.16(e). The Office required that a balance was due of \$757. However, the Office increased its fees on 1 October 2001. Thus the required fees are now \$774.

The Notice required that a properly signed oath or declaration, identifying the subject application, be submitted.

Finally, the Office rejected the original INFORMAL drawings submitted with the

RECEIVED "6133550"

application as being outside the margin requirement and required a new submission.

Attached please find the necessary Declarations, properly signed by Applicants and identifying the application by Application Serial Number.

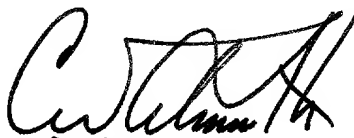
Please also find newly submitted INFORMAL drawings meeting the margin requirement. The original INFORMAL drawings were submitted as a set of ten (10) sheets. The newly submitted drawings form a set of thirteen (13) sheets. The increase in the number of sheets was made necessary in meeting the margin requirement. NO NEW MATERIAL is contained within the newly submitted INFORMAL drawings.

Please further find the required "Power of Attorney" signed by all Applicants.

Finally, a assignment of the Patent Application is attached. The ASSIGNEE is a Small Entity under US Law, and the small entity fee applies.

It is believed that this submission meets the requirements of the Office as set forth in the Notice to file Missing Parts. Acceptance of this submission is hereby most respectfully requested.

Respectfully submitted



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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-------------------------|------------------------|
| 09/878.715 | 06/11/2001 | Stephen John McLoughlin | 01 PAT 140 |

CONFIRMATION NO. 2076

27645
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FORMALITIES LETTER



OC00000006401089

Date Mailed: 08/08/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/11/2001 SZEWDIE1 00000027 09878715

FILED UNDER 37 CFR 1.53(b)

| | |
|-----------|-----------|
| 01 FC1201 | 370.00 OP |
| 02 FC1205 | 65.00 OP |
| 03 FC1202 | 42.00 OP |
| 04 FC1203 | 297.00 OP |

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

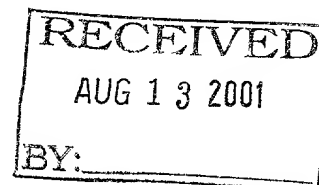
- The statutory basic filing fee is missing. *370*
Applicant must submit \$ ~~255~~ *370* to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$337.
 - \$297 for 33 total claims over 20. ✓
 - \$40 *A2* for 1 independent claims over 3.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter. ✓
- The balance due by applicant is \$ ~~757~~ *774*.

*Shows increase
in fees as of 1 OCT 2001*

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);



A handwritten signature in black ink, appearing to be "A. J. [unclear]", written over a horizontal line.

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

THE UNIVERSITY OF CHICAGO